

Chem-Impex International, Inc.

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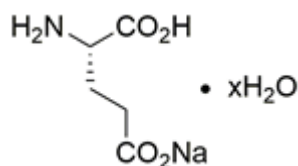
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	38820
Product	L-Glutamic acid monosodium salt hydrate (S)-2-Aminopentanedioic acid L-Glutamic acid monosodium salt
CAS Number	142-47-2
Molecular Formula	$\text{C}_5\text{H}_8\text{NNaO}_4 \cdot x\text{H}_2\text{O}$
Molecular Weight	169.11

Appearance	White to off-white crystalline powder
Solubility	Soluble in water
Heavy Metals	$\leq 0.002\%$
Anion	Chloride (Cl) : $\leq 0.2\%$
Cation	Arsenic (As) : ≤ 3 ppm Lead (Pb) : ≤ 10 mg/kg
pH	6.7 - 7.2
Optical Rotation	$[\alpha]_{\text{D}}^{20} = 24.8 - 25.3^\circ$
Loss on Drying	$\leq 0.5\%$
Assay by titration	$\geq 99\%$
Grade	Suitable for cell culture, insect cell culture
Storage	Store at RT

For Laboratory Use Only